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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/182,842	10/29/1998	SUNNY BEHL	033129-001	2460

7590                    11/19/2001  
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EXAMINER	
ABRAMS, NEIL	
ART UNIT	PAPER NUMBER
2839	

DATE MAILED: 11/19/2001

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.	09/182842	Applicant(s)
Examiner		Group Art Unit 2834

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

### Status

Responsive to communication(s) filed on 8-31-01.

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

### Disposition of Claims

Claim(s) 1, 3-11, 13-17 is/are pending in the application.

Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

Claim(s) \_\_\_\_\_ is/are allowed.

Claim(s) 1, 3-11, 13-17 is/are rejected.

Claim(s) \_\_\_\_\_ is/are objected to.

Claim(s) \_\_\_\_\_ are subject to restriction or election requirement.

### Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The proposed drawing correction, filed on \_\_\_\_\_ is  approved  disapproved.

The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. § 119 (a)-(d)

Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All  Some\*  None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

### Attachments

Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_  Interview Summary, PTO-413

Notice of Reference(s) Cited, PTO-892  Notice of Informal Patent Application, PTO-152

Notice of Draftsperson's Patent Drawing Review, PTO-948  Other \_\_\_\_\_

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Claim 1, line 5, the examiner has changed ~~in~~ to ---, --- applicant should change their copy of the claim.

Claims 1, 3-11-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Klatt in view of Tsai Iwasaki, Darden, Cheng, Heung Japan 8339427 and Lwee..

Obvious to form the Klatt carrier 1 with rails in view of Japan patent fig. 15, part 1, Darden and Tsai part 5. The Klatt carrier includes offset slots at 10 and 20. Should this aspect be at issue, also obvious to form Klatt, fig. 2 part 20, 24 without a "pivotal" cover and with an opening at 25 for small card insertion.

The PC and 6 is noted to include connectors 11, 18~~1~~ one on each side and to be joined to connector (plug) 4.

Also obvious to add a power connector and handle or in Darden at 41, 134 and to add a fan in view of Cheng and Heung. As an alternative, also obvious to form the Klatt carrier with offset slots of type shown by Iwasaki eat 31, 34.

Claims 1, 3-11 and 13-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pollard in view of Lwee Klatt, Shen, Darden, Tsai, Wallace, Heung and Iwasaki.

Obvious to form Pollard carrier 10 with power connector rails and a handle in view of Darden and to include a second slot (see slot 11) in view of Shen, Klatt Iwasaki and Lwee.22a, 22b.

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*Broad Board* reference to slots being offset does not overcome such arrangement. Obvious to use the slots for different <sup>width</sup> cards as in Iwasaki and Katt and to arrange them offset as in Iwasaki, fig. 14a, at 31, 34, or Klatt.

Even apart from Iwasaki, such change defines obvious variation.

A fan 28 is mounted in the carrier and obvious to mont the interior card connectors onto a circuit board as in Klatt and Tsai. Heung added for another example of fan use. For claim 6, folding handle use is well known.

Claims 3-11, 13-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kaneda in view of Cheng Heung, Darden, Klatt, Tsai, Wallace, Shen Iwasaki and Japan patent.

Obvious to form the Kaneda carrier with rails and handle in view of Darden and Japan fig. 11. Plural slots are shown at 2 and 71. Also obvious to use dual slots at 18 as in Shen at 21. Obvious to form any set of these to be offset and to receive different size cards like those of Klatt at 9, 17 or those of Iwasaki at 31, 34.

Also obvious to use offset slots in view of Japan, fig. 14. The Kaneda carrier includes a card device, see fig. 5. Use of interior pc<sup>b</sup> also taught by Klatt at 7, Tsai and Wallace. Also obvious to add a fan in view of Cheng and Heung.

Applicant's arguments filed with the amendment and pertinent to above rejections have been fully considered but they are not persuasive. Terms "offset slots" and different size cards " are seen to relate to obvious variations even apart from Iwasaki teachings. For Pollard opening

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10 forms a memory storage bay and a fan is shown at 28. The Klatt device is seen to be readable as a carrier.

The Uwabo reference is withdrawn in view of arguments. For claim 1 the Shen and Lwee type openings are readable as defining plural slots.

Any inquiry concerning this communication should be directed to N. Abrams at telephone number (703) 308-1729.

Abrams/ds

11/10/01

  
NEIL ABRAMS  
EXAMINER  
ART UNIT 322